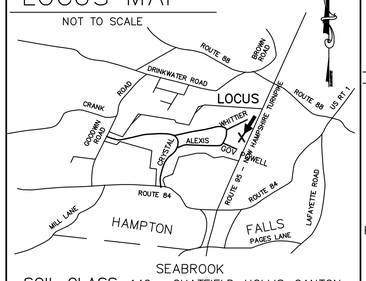
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 140 CHATFIELD–HOLLIS–CANTON
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = PREVIOUS APPROVAL

#1 SET NAIL 8" PINE EL 51.98
#2 SET HUB EL 56.02
#3 SET NAIL 6" BIRCH EL 57.54
#4 TOP IP EL 54.48

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM WAS CONSTRUCTED AT ELEVATION 52.0 AS PER CONSTRUCTION APPROVAL CA2016062917 AND CONFIRMED BY APPROVAL FOR OPERATION

SUITABLE REPLACEMENT AREA:

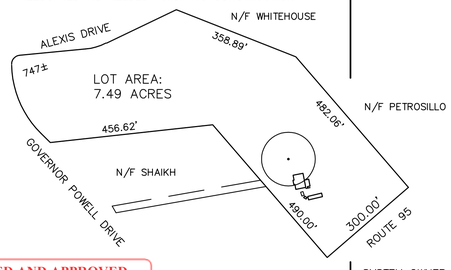
SYSTEM MAY BE REPLACED IN KIND IN EVENT OF FAILURE WITHIN FOUR YEARS OF DES APPROVAL OF THIS PLAN, AFTER WHICH REPLACEMENT AREA MUST BE DETERMINED BY RESUBMITTAL PER ENV–WQ 1003.10.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. PROPERTY LINES SHOWN ARE BASED ON RCRD PLAN D21631
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 38490
   PREVIOUS CONSTRUCTION APPROVAL CA2016062917
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
   b) NO WELLS WITHIN 75' OF
   c) NO HYDRIC B SOILS WITHIN 75' PROPOSED
   d) NO HYDRIC A SOILS WITHIN 75' SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING ADDITION CONSTRUCTION. (603 929–7404)
   SYSTEM MUST REMAIN PROTECTED/UNDISTURBED DURING CONSTRUCTION OF PROPOSED ADDITION.
6. EXISTING SYSTEM IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL
7. ALL UTILITIES MUST BE FIELD VERIFIED AND RELOCATED AS NEEDED PRIOR TO CONSTRUCTION.

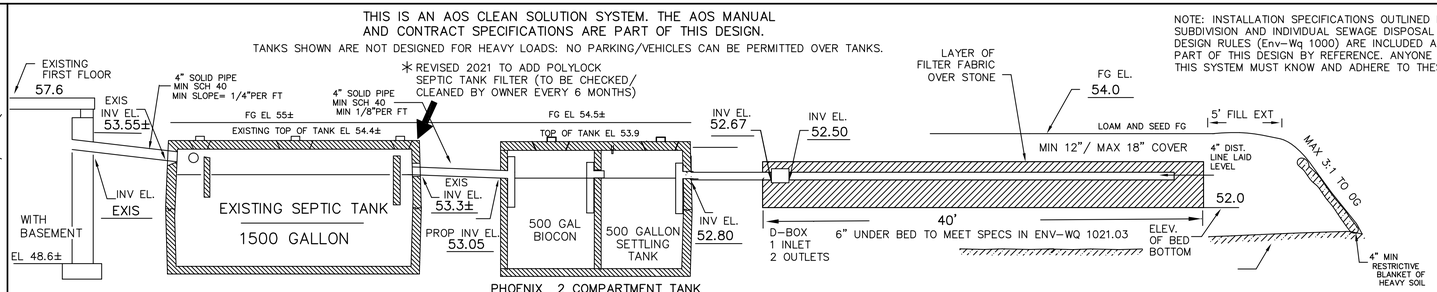


PLOT PLAN

1"= APPROX 200'

THIS IS AN AOS CLEAN SOLUTION SYSTEM. THE AOS MANUAL AND CONTRACT SPECIFICATIONS ARE PART OF THIS DESIGN.

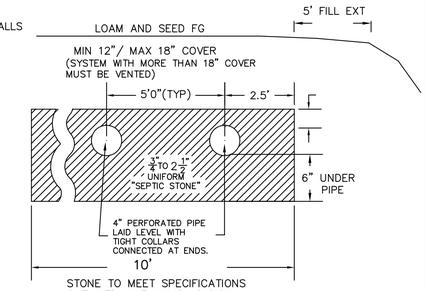
TANKS SHOWN ARE NOT DESIGNED FOR HEAVY LOADS: NO PARKING/VEHICLES CAN BE PERMITTED OVER TANKS.



PHOENIX 2 COMPARTMENT TANK
(SEE AOS CONTRACT SPECS CA2016062917)

EXISTING SYSTEM COMPONENTS MEET NHDES AND AOSNE REQUIREMENTS/SPECIFICATIONS FOR 5 BEDROOM DESIGN LOADING

NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.



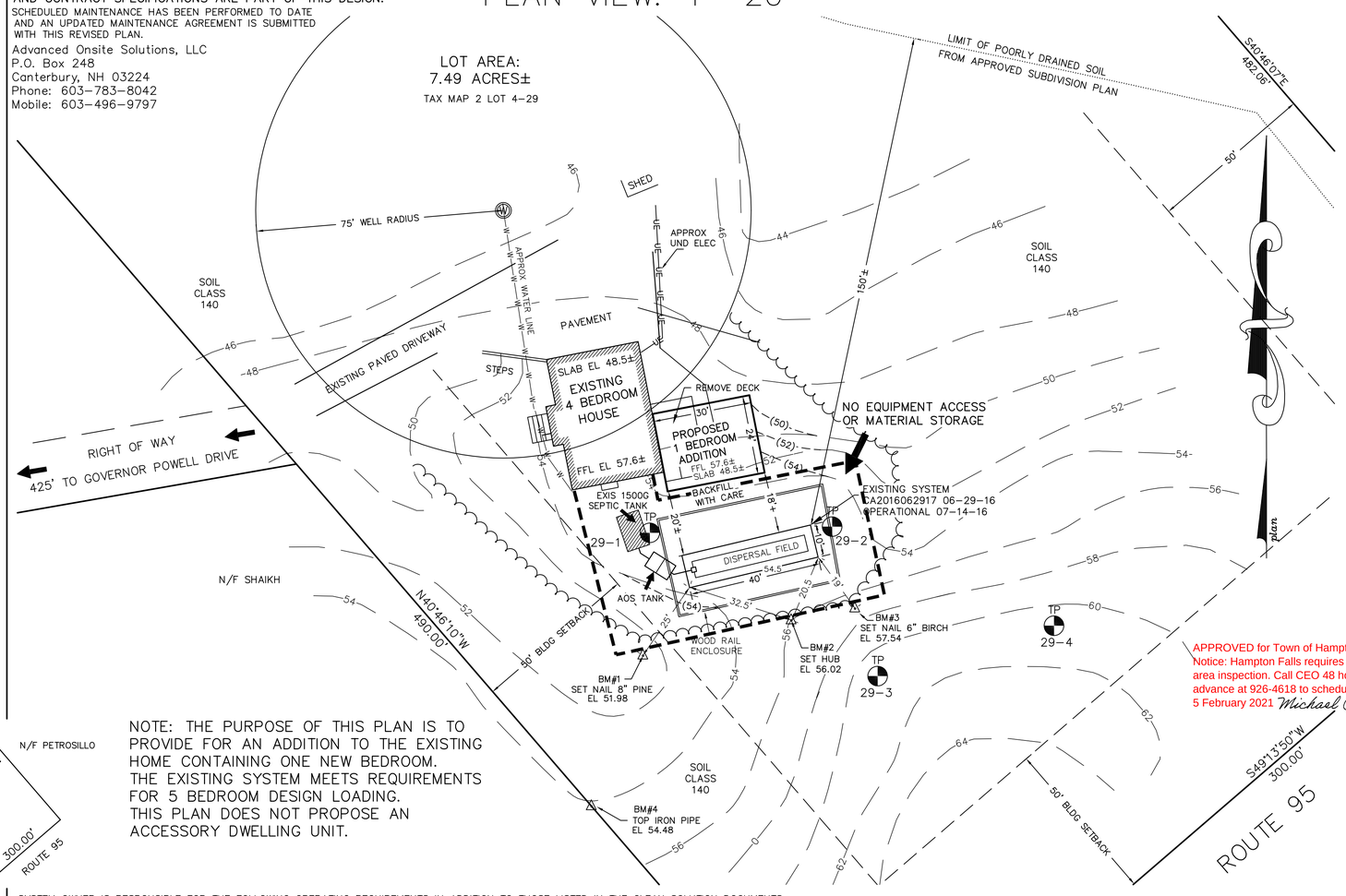
STONE TO MEET SPECIFICATIONS OUTLINED IN ENV WQ 1016.04

CROSS SECTION INFORMATION IS AS PREVIOUSLY APPROVED (CA2016062917) AND VERIFIED BY OPERATIONAL APPROVAL 07–14–2016 EXCEPT FOR ADDED SEPTIC TANK EFFLUENT FILTER AS NOTED.. *

THIS IS AN AOS CLEAN SOLUTION SYSTEM. THE AOS MANUAL AND CONTRACT SPECIFICATIONS ARE PART OF THIS DESIGN.
SCHEDULED MAINTENANCE HAS BEEN PERFORMED TO DATE AND AN UPDATED MAINTENANCE AGREEMENT IS SUBMITTED WITH THIS REVISED PLAN.

Advanced Onsite Solutions, LLC
P.O. Box 248
Canterbury, NH 03224
Phone: 603–783–8042
Mobile: 603–496–9797

PLAN VIEW: 1"–20'



APPROVED for Town of Hampton Falls
Notice: Hampton Falls requires a basal area inspection. Call CEO 48 hours in advance at 926-4618 to schedule.
5 February 2021 Michael Cuomo

NOTE: THE PURPOSE OF THIS PLAN IS TO PROVIDE FOR AN ADDITION TO THE EXISTING HOME CONTAINING ONE NEW BEDROOM. THE EXISTING SYSTEM MEETS REQUIREMENTS FOR 5 BEDROOM DESIGN LOADING. THIS PLAN DOES NOT PROPOSE AN ACCESSORY DWELLING UNIT.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE LISTED IN THE CLEAN SOLUTION DOCUMENTS.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: JUNE 19, 1997
TOWN INSPECTOR: MIKE CUOMO

TEST PIT 29–1 EL 49.0
ESHWT @21", OBS H2O @50", ROOTS TO 3'+, DEPTH 6' ± (NOT LOGGED)

TEST PIT 29–2 EL 51.5
0 –10" LOAM AND ROOT MAT
10–40" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
40–78" 2.5Y5/4 FINE SAND, MOIST, MOTTLED
ESHWT@40", ROOTS TO 3'+, NO OBS H2O, NO REFUSAL

TEST PIT 29–3 EL 60.3
0 – 8" LOAM AND ROOT MAT
8 –18" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
18–38" 10YR5/4 TO 5/6 GRAVELLY LOAMY FINE SAND, GRAN. FRIABLE
38–72" 2.5Y5/4 FINE SANDY LOAM, BLOCKY FIRM, MOTTLED
ESHWT@38", ROOTS TO 4'+, NO OBS H2O, NO REFUSAL

TEST PIT 29–4 EL 60.8
0 – 8" LOAM AND ROOT MAT
8 –27" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
27–78" 2.5Y5/4 GRAVELLY FINE SANDY LOAM BLOCKY, FIRM, MOTTLED
ESHWT@27", ROOTS TO 4'+, NO OBS H2O, NO REFUSAL

PT PERC TEST DATA

PERC RATE: N/A WITH CLEAN SOLUTION SYSTEM
DESIGN LOADING: 5 BEDROOM HOUSE
AREA REQUIRED: 125 SF (AOS) X 1.25 (HAMPTON FALLS) = 156 SF DISPERSAL AREA REQUIRED
AREA PROPOSED: 10' X 40' = 400 SF PROVIDED

REVISED
SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL #CA2016062917

LOCUS: 2 GOVERNOR POWELL DRIVE
HAMPTON FALLS, NH
TAX MAP 2 LOT 4–29

OWNER: J.P. AND MARY PONTBRIAND
2 GOVERNOR POWELL DRIVE
HAMPTON FALLS, NH 03844

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

NEW HAMPSHIRE Designer of Subsurface Disposal Systems * * * Anne W. Bialobrzeski No. 348 Department of Environmental Services

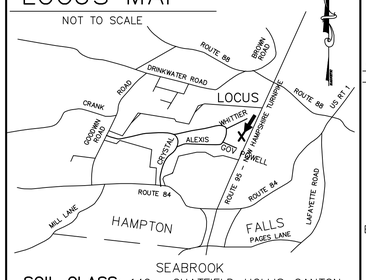
DATE: FEBRUARY 3, 2021
APPROVAL:

749 (2021)

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Eric Thomas
Date: 2/10/2021
#eCA2021021008

LOCUS MAP

NOT TO SCALE



SOIL CLASS: 140 CHATFIELD–HOLLIS–CANTON
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = PREVIOUS APPROVAL

#1 SET NAIL 8" PINE EL 51.98
#2 SET HUB EL 56.02
#3 SET NAIL 6" BIRCH EL 57.54
#4 TOP IP EL 54.48

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 52.0 WHICH IS NO MORE THAN 2.5' BELOW EXISTING GROUND AT THE HIGH CONTOUR THE DESIGNED EDS. (ELEV 54.5)
(EQUALS 0" ABOVE ORIGINAL HIGH CONTOUR–EL 52.0)

SUITABLE REPLACEMENT AREA:
MUST BE DETERMINED BY RESUBMITTAL PER ENV–WQ 1003.10

LEGEND:

50 — EXISTING CONTOUR
(50) — PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. PROPERTY LINES SHOWN ARE BASED ON RCRD PLAN D21631
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 38490
PREVIOUS CONSTRUCTION APPROVAL CA1997004354
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
b) NO WELLS WITHIN 75'
c) NO HYDRIC B SOILS WITHIN 75'
d) NO HYDRIC A SOILS WITHIN 75'
OF PROPOSED SYSTEM
5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL
7. ALL UTILITIES MUST BE FIELD VERIFIED AND RELOCATED AS NEEDED PRIOR TO INSTALLATION.

PLOT PLAN

1" = APPROX 200'

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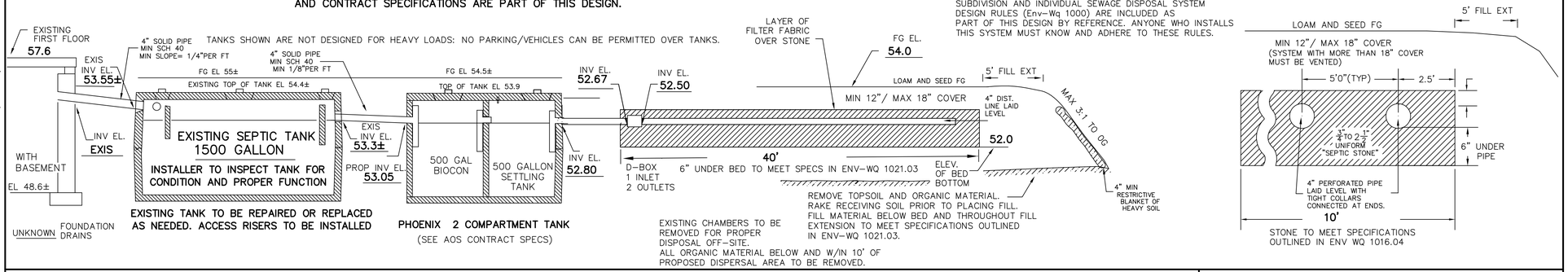
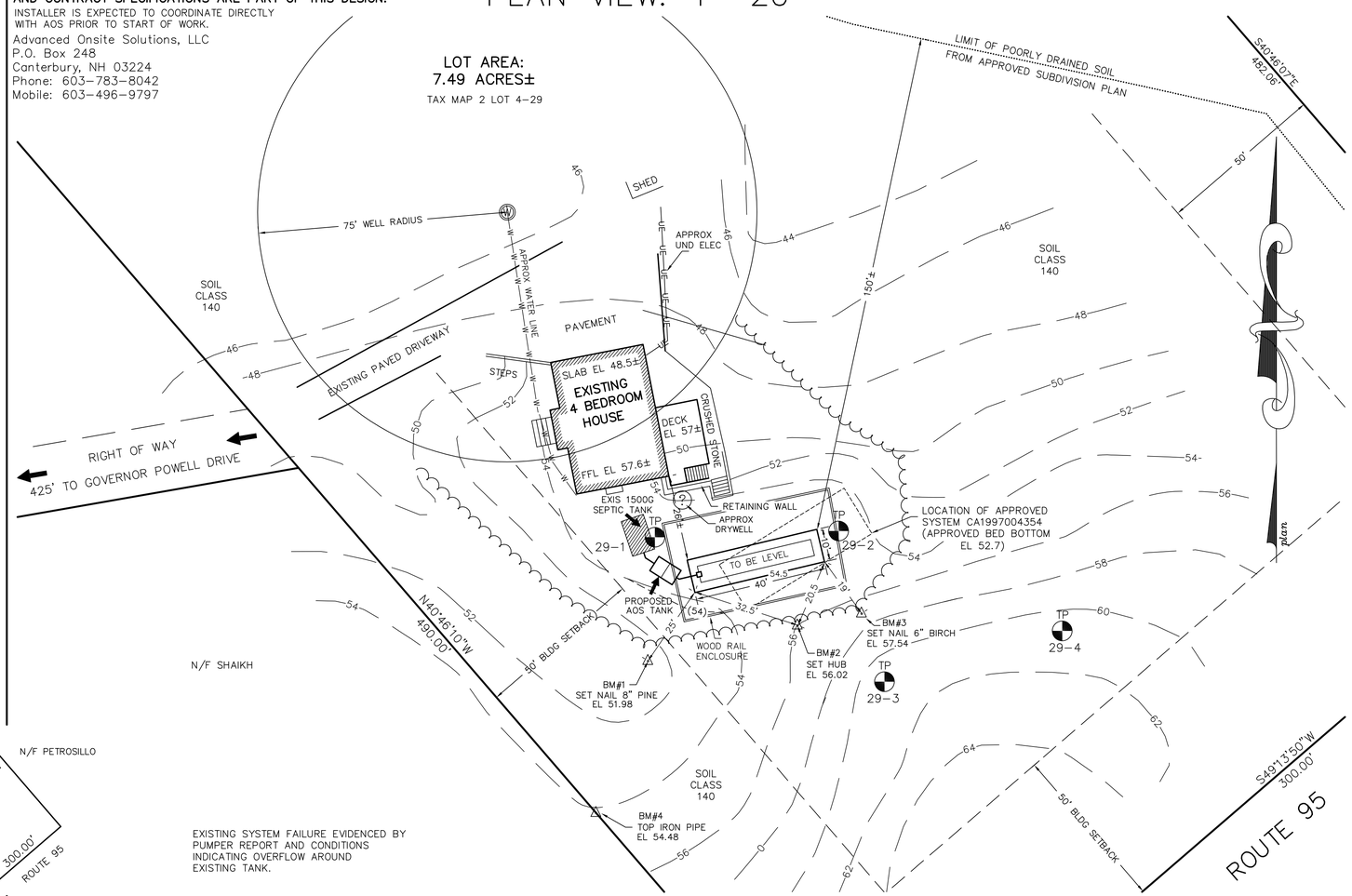


NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.

THIS IS AN AOS CLEAN SOLUTION SYSTEM. THE AOS MANUAL AND CONTRACT SPECIFICATIONS ARE PART OF THIS DESIGN.
INSTALLER IS EXPECTED TO COORDINATE DIRECTLY WITH AOS PRIOR TO START OF WORK.

Advanced Onsite Solutions, LLC
P.O. Box 248
Canterbury, NH 03224
Phone: 603–783–8042
Mobile: 603–496–9797

PLAN VIEW: 1"–20'



EXISTING SYSTEM FAILURE EVIDENCED BY PUMPER REPORT AND CONDITIONS INDICATING OVERFLOW AROUND EXISTING TANK.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE LISTED IN THE CLEAN SOLUTION DOCUMENTS.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
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TEST PIT DATA

DATE: JUNE 19, 1997
TOWN INSPECTOR: MIKE CUOMO

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TEST PIT 29–2 EL 51.5
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10–40" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
40–78" 2.5Y5/4 FINE SAND, MOIST, MOTTLED
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TEST PIT 29–3 EL 60.3
0 – 8" LOAM AND ROOT MAT
8 –18" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
18–38" 10YR5/4 TO 5/6 GRAVELLY LOAMY FINE SAND, GRAN. FRIABLE
38–72" 2.5Y5/4 FINE SANDY LOAM, BLOCKY FIRM, MOTTLED
ESHWT@38", ROOTS TO 4'+, NO OBS H2O, NO REFUSAL

TEST PIT 29–4 EL 60.8
0 – 8" LOAM AND ROOT MAT
8 –27" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
27–78" 2.5Y5/4 GRAVELLY FINE SANDY LOAM BLOCKY, FIRM, MOTTLED
ESHWT@27", ROOTS TO 4'+, NO OBS H2O, NO REFUSAL

PERC TEST DATA

PERC RATE: N/A WITH CLEAN SOLUTION SYSTEM
DESIGN LOADING: EXISTING 4 BEDROOM HOUSE
AREA REQUIRED: 200 SF X 1.25 (HAMPTON FALLS) = 250 SF DISPERSAL AREA REQUIRED
AREA PROPOSED: 10' X 40' = 400 SF PROVIDED

REPLACEMENT
SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM
PREVIOUS APPROVAL #CA1997004354

LOCUS: 2 GOVERNOR POWELL DRIVE
HAMPTON FALLS, NH
TAX MAP 2 LOT 4–29

OWNER: J.P. AND MARY PONTBRIAND
2 GOVERNOR POWELL DRIVE
HAMPTON FALLS, NH 03844

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

DATE: JUNE 22, 2016
APPROVAL:

749

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Eric Thomas
Date: 6/29/2016
#eCA2016062917

APPROVED for Town of Hampton Falls Notice: Hampton Falls requires a basal area inspection. Call CEO 48 hours in advance at 926-4618 to schedule.
28 June 2016 Michael Cuomo